

PROJECT DESCRIPTION

I. GENERAL

This project involves the installation of video cameras and micro loops to an existing Traffic Control Signal at the intersection of MD 26 and St. Lukes Ln/ King James Cir in Baltimore County. MD 26 is assumed to run an east-west direction.

II. INTERSECTION OPERATION

- 1. The intersection is to operate in a NEMA six-phase, full-actuated mode, with the MD 26 approaches continuing to run concurrently. Exclusive left turn phases shall continue to be provided for both approaches of MD 26 along with concurrent pedestrian movement along the south leg of the intersection and a alternate move crossing the north leg of MD 26. The side street approaches left turns shall continue to run in a permissive phase and the side street through move shall operate concurrently.
- 2. A existing full-traffic-actuated, eight-phase controller with existing detector rack is housed in a NEMA size "6" base-mounted cabinet at this intersection. SHA forces shall used detector amplifiers.

III. SPECIAL NOTES

- 1. The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
- 2. All controller cabinet wiring will be performed by the S.H.A. Signal Shop. Contact Mr. Ed Rodenhizer at (410) 787-7650 seventy-two hours in advance of intended work.
- 3. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE STATE OF MARYLAND.

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
		NONE	

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
8004	1	EA	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT
8017	90	LF	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
8021	6	EA	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE
8026	3	EA	VIDEO DETECTION CAMERA
8027	3	EA	CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER

PROJECT CONTACTS

The contact persons for District #4 are as follows:

Mr. Randall Scott
Assistant District Engineer - Traffic
Phone: (410) 321-2781/2785

Mr. Steve Marciszewski
Assistant District Engineer - Maintenance
Phone: (410) 321-2761

Mr. Mike Pasquariello
Assistant District Engineer - Utility
Phone: (410) 321-2841

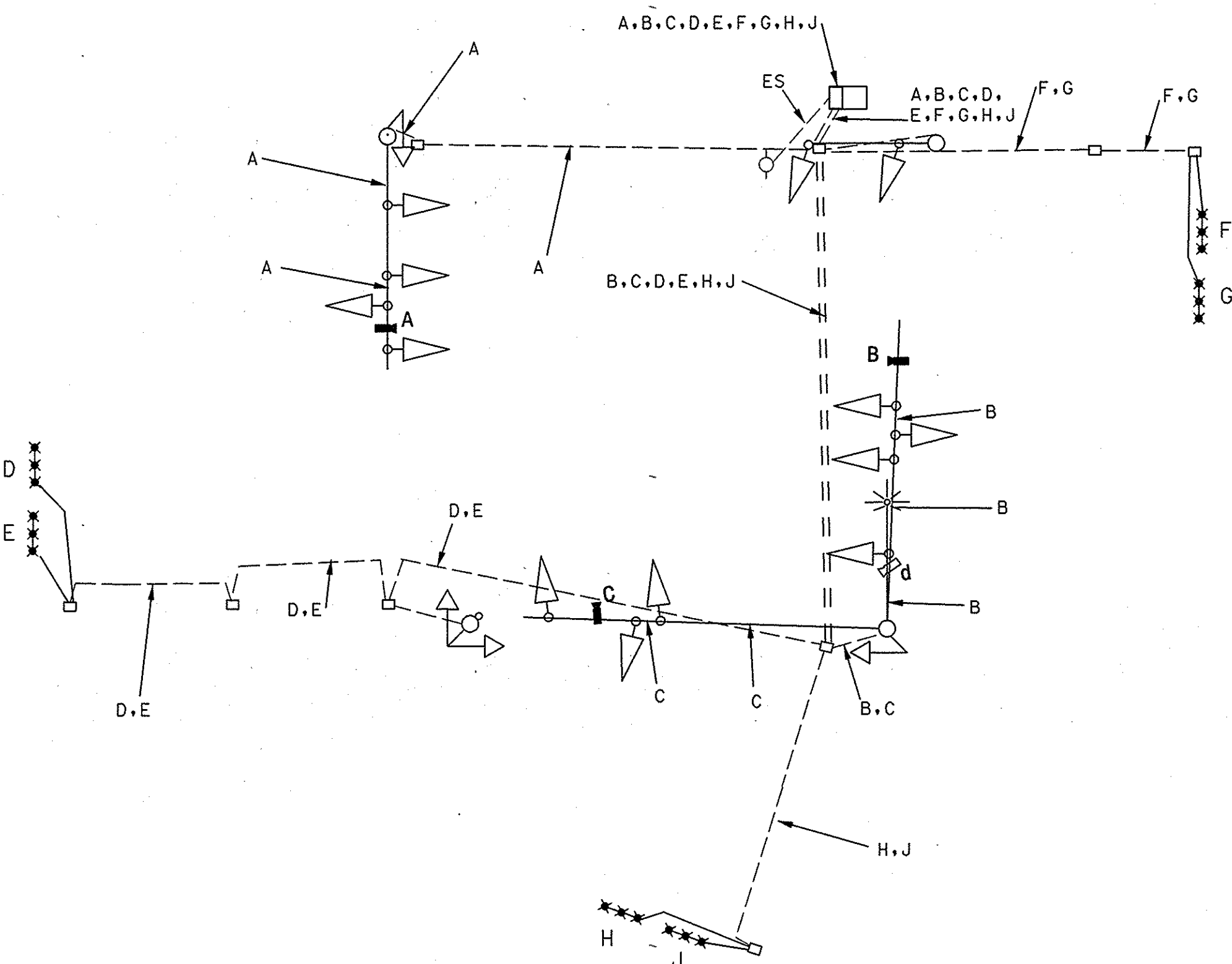
Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

MR. EDWARD RODENHIZER, SIGNAL OPERATION CHIEF
PHONE: (410) 787-7650

PHASE CHART

THERE ARE NO CHANGES TO THE PHASE CHART FOR THIS PROJECT

WIRING DIAGRAM



KEY

- A } VIDEO DETECTION CABLE
- B } VIDEO DETECTION CABLE
- C } VIDEO DETECTION CABLE
- D } MICRO-LOOP LEAD-IN CABLE (500')
- E } MICRO-LOOP LEAD-IN CABLE (500')
- F } MICRO-LOOP LEAD-IN CABLE (500')
- G } MICRO-LOOP LEAD-IN CABLE (500')
- H } MICRO-LOOP LEAD-IN CABLE (500')
- J } MICRO-LOOP LEAD-IN CABLE (500')
- ES } EXISTING SERVICE UNDERGROUND

TOD No.: AT725-06
SHA No.: BA611A51/B51

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
**MD 26 (LIBERTY RD) AND
ST. LUKES LANE/KING JAMES CIRCLE**

GENERAL INFORMATION SHEET

SCALE 1" = 20'	DATE 05/24/2006	CONTRACT NO. AT7255185
DESIGNED BY M.A. MEARS	COUNTY BALTIMORE	
DRAWN BY M.A. MEARS	LOGMILE 03002609.31	
CHECKED BY	T. I. M. S. NO. H509	
F. A. P. NO.	TOD NO.	

DRAWING NO. 3828C	SG-1	OF 2	SHEET NO. 2 OF 2
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BAI
BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD - SUITE 110
COLUMBIA, MARYLAND 21045
410-884-3607 410-884-3609(FAX)

PLOTTED: #DATE#
FILE: #FILE#